

# Carlos A Echeverry-Gonzalez

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

10  
papers

68  
citations

4  
h-index

8  
g-index

11  
ext. papers

83  
ext. citations

2.9  
avg, IF

2  
L-index

| #  | Paper  | IF  | Citations |
|----|--|-----|-----------|
| 10 | Organic dyes containing 2-(1,1-dicyanomethylene)rhodanine as an efficient electron acceptor and anchoring unit for dye-sensitized solar cells. <i>Dyes and Pigments</i> , <b>2014</b> , 107, 9-14  | 4.6 | 25        |
| 9  | Rhodanine-3-acetic acid and Extended tetrathiafulvalene (exTTF) based systems for dye-sensitized solar cells. <i>New Journal of Chemistry</i> , <b>2014</b> , 38, 5801-5807  | 3.6 | 13        |
| 8  | New organic dyes with high IPCE values containing two triphenylamine units as co-donors for efficient dye-sensitized solar cells. <i>RSC Advances</i> , <b>2015</b> , 5, 60823-60830   | 3.7 | 10        |
| 7  | Microwave assisted synthesis of a series of charge-transfer photosensitizers having quinoxaline-2(1H)-one as anchoring group onto TiO <sub>2</sub> surface. <i>Journal of Molecular Structure</i> , <b>2017</b> , 1133, 384-391  | 3.4 | 5         |
| 6  | Optimization of the synthesis of quinoline-based neutral cyclometalated iridium complexes via microwave irradiation: design of light harvesting and emitting complexes using bulky quinolines. <i>Organic Chemistry Frontiers</i> , <b>2019</b> , 6, 3374-3382   | 5.2 | 4         |
| 5  | Free-base tetraarylporphyrin covalently linked to [60]fullerene through ethynylfluorene spacer. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2011</b> , 15, 1231-1238   | 1.8 | 4         |
| 4  | Organic and Organic-Inorganic Solar Cells: From Bulk Heterojunction to Perovskite Solar Cells <b>2019</b> , 1, 1-8   |     | 3         |
| 3  | Rhodanine-based light-harvesting sensitizers: a rational comparison between 2-(1,1-dicyanomethylene)rhodanine and rhodanine-3-acetic acid. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 8781-8787   | 3.6 | 2         |
| 2  | The remarkable selectivity of the 2-arylquinoline-based acyl hydrazones toward copper salts: exploration of their catalytic applications in the copper catalysed N-arylation of indole derivatives and C1-alkynylation of tetrahydroisoquinolines via the A3 reaction. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 242-250 | 3.6 | 2         |
| 1  | Pursuit for simple and efficient ligands promoting copper-catalyzed Ullmann type reactions for N-aryl heterocycles and aromatic amines <b>2021</b> , 399-430   |     | 0         |